



AUG 17 2005

Food and Drug Administration
9200 Corporate Boulevard
Rockville MD 20850

Ms. Nicole Landreville, Eng. RAC
Director of Quality and Regulatory
Excel Tech LTD
2568 Bristol Circle
Oakville, Ontario
Canada L6H 5S1

Re: K052111

Trade/Device Name: XLTEK Clear Signal Sub-dermal Needle
Regulation Number: 21 CFR 882.1350
Regulation Name: Needle electrode
Regulatory Class: II
Product Code: GXZ
Dated: August 11, 2005
Received: August 12, 2005

Dear Ms. Landreville:

We have reviewed your Section 510(k) premarket notification of intent to market the device referenced above and have determined the device is substantially equivalent (for the indications for use stated in the enclosure) to legally marketed predicate devices marketed in interstate commerce prior to May 28, 1976, the enactment date of the Medical Device Amendments, or to devices that have been reclassified in accordance with the provisions of the Federal Food, Drug, and Cosmetic Act (Act) that do not require approval of a premarket approval application (PMA). You may, therefore, market the device, subject to the general controls provisions of the Act. The general controls provisions of the Act include requirements for annual registration, listing of devices, good manufacturing practice, labeling, and prohibitions against misbranding and adulteration.

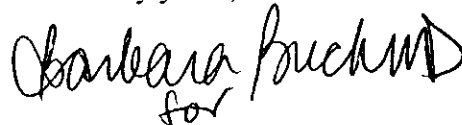
If your device is classified (see above) into either class II (Special Controls) or class III (PMA), it may be subject to such additional controls. Existing major regulations affecting your device can be found in the Code of Federal Regulations, Title 21, Parts 800 to 898. In addition, FDA may publish further announcements concerning your device in the Federal Register.

Please be advised that FDA's issuance of a substantial equivalence determination does not mean that FDA has made a determination that your device complies with other requirements of the Act or any Federal statutes and regulations administered by other Federal agencies. You must comply with all the Act's requirements, including, but not limited to: registration and listing (21 CFR Part 807); labeling (21 CFR Part 801); good manufacturing practice requirements as set forth in the quality systems (QS) regulation (21 CFR Part 820); and if applicable, the electronic product radiation control provisions (Sections 531-542 of the Act); 21 CFR 1000-1050.

This letter will allow you to begin marketing your device as described in your Section 510(k) premarket notification. The FDA finding of substantial equivalence of your device to a legally marketed predicate device results in a classification for your device and thus, permits your device to proceed to the market.

If you desire specific advice for your device on our labeling regulation (21 CFR Part 801), please contact the Office of Compliance at (240) 276-0115. Also, please note the regulation entitled, "Misbranding by reference to premarket notification" (21CFR Part 807.97). You may obtain other general information on your responsibilities under the Act from the Division of Small Manufacturers, International and Consumer Assistance at its toll-free number (800) 638-2041 or (301) 443-6597 or at its Internet address <http://www.fda.gov/cdrh/dsma/dsmamain.html>

Sincerely yours,

A handwritten signature in black ink, appearing to read "Mark N. Melkerson", with a stylized flourish at the end.

Mark N. Melkerson
Acting Director
Division of General, Restorative
and Neurological Devices
Office of Device Evaluation
Center for Devices and
Radiological Health

Enclosure

Statement of Indications for Use

510(k) Number (if known): K052111

Device Name: XLTEK Clear Signal Sub-dermal Needle

Indications for Use:

XLTEK Clear Signal Sub-dermal Needle Electrodes are intended for use with recording, monitoring and stimulation equipment for the purpose of recording of biopotential signals. Examples include: Electromyography (EMG), Electroencephalograph (EEG) and Nerve potential signals. The electrodes are sterile and are for single patient use only.

Prescription Use X
(Per 21 CFR 801.109)

OR

Over-The Counter Use _____

(PLEASE DO NOT WRITE BELOW THIS LINE – CONTINUE ON ANOTHER PAGE IF
NEEDED)

Concurrence of CDRH, Office of Device Evaluation (ODE)

K052111 Barbara Buckner for Melkerson
(Division Sign-Off)

**Division of General, Restorative,
and Neurological Devices**

510(k) Number K052111

(Optional Format 1-2-96)